

Notice of Allowability

Applicati n No.

10/671,155

Examiner

Seung C. Sohn

Applicant(s)

FLEISCHER ET AL.

Art Unit

2878

-- The MAILING DATE of this communication app ars on th cov r she t with th correspond nc address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06August & 27 Septemebr 2004.
2. ☒ The allowed claim(s) is/are 1-9 and 14-29.
3. ☒ The drawings filed on 06 August 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachm nt(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


THANH X. LUU
PATENT EXAMINER

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on September 27, 2004 has been entered.

Terminal Disclaimer

2. The terminal disclaimer filed on December 9, 2004 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of US 6,649,898 B1 has been reviewed and is accepted. The terminal disclaimer has been recorded.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Gordon Lindeen III on December 9, 2004.

The application has been amended as follows:

On Claim 1, line 2, "an optical input port" has been removed.

On claim 1, line 3, "optically coupled to the optical input port" has been removed.

On claim 1, line 4, "at the optical input port" has been removed.

On claim 1, line 9, "the optic function subcircuit" has been changed to – an input of the optic function subcircuit --.

On claim 1, line 9, "activate" has been changed to – alternately enable and disable --.

On claim 7, lines 2-3, "coupled to the light sensing device and to an input to the optic function subcircuit to alternately enable and disable the input to the optic function subcircuit" after "a logic gate" has been removed.

On claim 8, line 1, "Claim 7" has been changed to – Claim 1 --.

On claim 9, line 1, "Claim 7" has been changed to – Claim 1 --.

On claim 14, line 4, after "activating a switch integrated in the IC", -- and connected to an input of an optic function subcircuit that is integrated in the IC – has been added.

On claim 14, line 5, "activate an" has been changed to – alternately enable and disable the --.

On claim 14, line 5, "that is integrated in the IC" has been removed.

On claim 17, line 1, "activating a" has been changed to – enabling the optic function --.

On claim 18, line 1, "activating a" has been changed to – enabling the optic function --.

On claim 19, line 1, "activating a" has been changed to – enabling the optic function --.

On claim 20, 8, after "a photodetector", "coupled to the light sensing device to provide received optical signals to the light sensing device for sensing and" has been removed.

On claim 20, line 9, "to the modulator" has been changed to – in an electrical form to the optical modulator --.

On claim 27, line 9, "thes" between "receive" and "photodetector" has been changed to – the --.

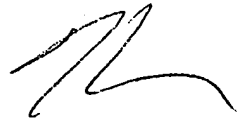
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Seung C. Sohn whose telephone number is (571) 272-2446. The examiner can normally be reached on Monday through Friday from 8:30 am to 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Porta can be reached on (571) 272-2444. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SCS


THANH X. LUU
PATENT EXAMINER